IN THE CLAIMS

Please amend the claims as follows:

Claims 1-13 (Canceled).

Claim 14 (New): A gear tooth comprising:

a concave root joined at its origin to a root of a neighboring tooth, and with a top joined to the root by a first transition point,

wherein the top of the tooth includes two convex sectors joined by a second transition point defining a discontinuity in curvature of the tooth profile.

Claim 15 (New): A gear tooth according to claim 14, wherein the second transition point defines a bottom of a notch made in the profile of the tooth.

Claim 16 (New): A gear tooth according to claim 14, wherein the convex sector following the first transition point has a spherical involute profile.

Claim 17 (New): A gear tooth according to claim 14, wherein the convex sector following the second transition point has a spherical involute profile.

Claim 18 (New): A gear tooth according to claim 14, wherein the top of the tooth has a rounded end sector, joined to the second convex sector by a transition sector.

Claim 19 (New): An external gear pump comprising:

at least one pair of mutually meshed toothed pinions, each tooth of which is in accordance with claim 14.

Claim 20 (New): A gear pump according to claim 14, wherein the two toothed gears are identical.

Claim 21 (New): A gear pump according to claim 19, wherein the first transition point of one tooth rolls over the first convex sector of a tooth of the opposite gear.

Claim 22 (New): A gear pump according to claim 19, wherein a shape of an end sector of the teeth matches that of the concave sector defined by juxtaposition of two roots of neighboring teeth.

Claim 23 (New): A gear pump according to claim 19, wherein an end sector of one tooth rolls between two teeth of the opposite gear, while maintaining contact therewith until the one tooth slips away from the two teeth of the opposite gear.

Claim 24 (New): A gear pump according to claim 19, wherein the teeth in mesh have at all times at least one primary bearing point and one secondary contact point, making it possible to ensure elimination of operational backlash and continuity of meshing.

Claim 25 (New): A gear pump according to claim 24, wherein a given active point of one tooth is successively a primary bearing point and a secondary contact point in the course of meshing.

Claim 26 (New): A gear pump according to claim 19, wherein the teeth of both gears are in contact over more than one pitch.